A Protocol for a Power Supply Unit Controller

Abstract of Disclosure

A power supply unit controller for a rack enclosure in which a plurality of devices communicate via a backplane is disclosed. The controller reads signal(s) indicative of output supply level(s) being provided to the backplane by a power supply unit associated the the power supply unit controller and stores value(s) associated with the signal(s). The controller further stores a scaling value associated with a respective signal and dependent on the power supply unit, and a power supply unit serial number. The controller is responsive to a request from an SES processor to return a state of the associated power supply unit to the SES processor, the state including a combination of: a summary of the current status of the power supply unit, the value(s), the scaling value(s), and the power supply unit serial number, according to the SES processor request.

Figures